

## **AGENDA**

### **Electric Distribution R&D FY05 Annual Program and Peer Review Meeting**

April 19 & 20, 2005  
Georgia Tech Conference Center  
Atlanta, Georgia

#### **Overview of Program**

##### **Day 1: Tuesday, April 19**

8:00 – 9:30 a.m.	Plenary Session
9:30 – 9:50 a.m.	Break
9:50 – 11:50 a.m.	Program Session 1: Monitoring & Load Management Technologies
11:50 – 1:00 p.m.	Luncheon
1:00 – 3:00 p.m.	Program Session 1 (continued): Monitoring & Load Management Technologies
3:00 – 3:20 p.m.	Break
3:20 – 3:50 p.m.	Program Session 2: Architecture & Communication Standards
3:50 – 5:20 p.m.	Program Session 3: Stakeholder and Institutional Adoption
6:00 – 7:30 p.m.	Reception

##### **Day 2: Wednesday, April 20**

8:00 – 10:00 a.m.	Program Session 4: Advanced Distribution Technologies & Operating Concepts
10:00 – 10:20 a.m.	Break
10:20 – 12:20 p.m.	Program Session 4 (continued): Advanced Distribution Technologies & Operating Concepts
12:20 – 12:30 p.m.	Closing Remarks
12:30 p.m.	Adjourn

**Note:** Presentation files will be available on the Electric Distribution website  
(<http://www.electricity.doe.gov/distribution> under the Events section)

## Day 1, Morning: Tuesday, April 19

7:00 – 5:00 p.m.      Registration

7:00 – 8:00 a.m.      Continental Breakfast

### Plenary Session

8:00 – 8:30 a.m.	Welcome and Our New Office of Electricity and Energy Assurance	Kevin Kolevar	DOE
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8:30 – 8:50 a.m.	Overview of the Electric Distribution R&D	Eric Lightner	DOE
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8:50 – 9:10 a.m.	GridWise Architectural Council	Rik Drummond	Drummond Group, Inc.
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9:10 – 9:30 a.m.	Advanced Grid Application Consortium (GridApp)	James Crane	Exelon Corp.
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9:30 – 9:50 a.m.      **Break**

### Program Session 1: Monitoring & Load Management Technologies

Session Chair: Joe Mavec, DOE

9:50 – 10:20 a.m.	Cooperative Research and Development for Advanced Applications	Andrew Stanbury	AREVA T&D
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10:20 – 10:50 a.m.	Advanced Communication, Control, and Aggregation of Distributed Energy Resources	Haukur Asgeirsson	Detroit Edison
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10:50 – 11:20 a.m.	Cooperative Research and Development for Advanced Communication and Control	Thomas Yeh	Connected Energy Corp.
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11:20 – 11:50 a.m.	The Connecticut Power Technologies Project	Erik Bartone	Nxegen, Inc.
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11:50 – 1:00 p.m.      **Luncheon**

***Sponsored by the GridWise Alliance***

**Day 1, Afternoon: Tuesday, April 19**

**Program Session 1 (Continued):  
Monitoring & Load Management Technologies**

**Session Chair: Joe Mavec, DOE**

1:00 – 1:30 p.m.	Cable Diagnostic Focused Initiative	Rick Hartlein	NEETRAC
1:30 – 2:00 p.m.	Grid Friendly Appliance Development	Don Hammerstrom	PNNL
2:00 – 2:30 p.m.	Pacific Northwest GridWise Testbed	Rob Pratt	PNNL
2:30 – 3:00 p.m.	Distributed Intelligent Agents for Decision Making at Local Distributed Energy Resource (DER) Levels	David Cohen	Infotility, Inc./ SBIR
3:00 – 3:20 p.m.	<b>Break</b>		

**Program Session 2:  
Architecture & Communication Standards**

**Session Chair: Eric Lightner, DOE**

3:20 – 3:50 p.m.	GridWise Architecture and Standards	Steve Widergren	PNNL
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**Program Session 3:  
Stakeholder and Institutional Adoption**

**Session Chair: Eric Lightner, DOE**

3:50 – 4:20 p.m.	Regional Implementation of IEEE 1547	Tom Basso/ Brad Johnson	NREL
4:20 – 4:50 p.m.	Certification of Distributed Generation Interconnection Systems in Conformance to IEEE 1547	Randy West	CTC

**Reception — 6:00-7:30 p.m.**

***Sponsored by the Southern Company***

## Day 2, Morning: Wednesday, April 20

7:00 – noon	Registration		
7:00 – 8:00 a.m.	Continental Breakfast		
<b>Program Session 4: Advanced Distribution Technologies &amp; Operating Concepts</b>			
<b>Session Chair: Eric Lightner, DOE</b>			
8:00 – 8:30 a.m.	Interconnection Standards Development	Tom Basso	NREL
8:30 – 9:00 a.m.	Interconnection Testing at NREL	Ben Kroposki	NREL
9:00 – 9:30 a.m.	Innovative Distributed Power Interconnection and Control System	Joshua Meyer	Encorp; Gas Technology Institute
9:30 – 10:00 a.m.	Distribution Utility Integration Test	Susan Horgan	Distributed Utility Associates
10:00 – 10:20 a.m.	<b>Break</b>		
10:20 – 10:50 a.m.	Micro-Distributed Generation Prototype in Vermont	Ed Linton	Northern Power Systems
10:50 – 11:20 a.m.	Automated Energy Distribution and Reliability System in Indiana	Diane Buche; Nancy Hechlinksi	Northern Indiana Public Service Company
11:20 – 11:50 a.m.	Natural Energy Laboratory in Hawaii to Continue Development and Deployment of Distributed Energy Systems	Larry Markel	Sentech, Inc.
11:50 – 12:20 p.m.	Center for Distributed Generation and Thermal Distribution at Washington State University	Robert O'Brien	Washington State University
12:20 – 12:30 p.m.	Closing Remarks	Eric Lightner	DOE
12:30 p.m.	Adjourn		